

nasal care system

(Aspirator & Irrigator)

user manual



nubeca

INSTRUCTION LEAFLET

Before using this appliance, read the INSTRUCTION LEAFLET fully and keep it carefully for future reference.

To a new user, we will suggest to have kids / babies play with this device for a while if he / she is sensitive to this noise. Through this kind of “learning”, most of kids will feel much comfortable for using nasal care system.

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I. HOW THE APPLIANCE WORKS AND WHAT ITS EFFECTS ARE :

- This revolutionary nasal-care appliance is drug-free. It can be used anywhere, anytime to prevent the risk of infection by keeping nasal passages clean and healthy. It will increase the effectiveness of solutions prescribed by your doctor for all types of nasal problems by cleansing your nose and mucous membranes and easing the discomfort of those suffering from disorders of the upper airways (sinusitis, a common cold, allergies, hay fever, snoring, a blocked nose and sore throat, etc.)
- Using a spray is a gentle and safe way of cleaning the nose and keeping it healthy. It also helps improve breathing and restores the nose's natural protection whilst keeping your nose clean and unblocked.
- A powerful spray function enables a non-irritating saline solution to gently penetrate the sinus cavities in the form of a fine mist. It moisturizes and irrigates the dry walls of nasal mucous membranes without causing irritation.
- The vacuum extraction function removes nasal secretions and mucus among babies and young

children in particular as they aren't yet able to blow their own noses.

- The appliance is practical to use and has been designed for added safety, effectiveness and better grip during use.
- The appliance is equipped with a discrete builtin air compressor and operates in vacuum extraction or irrigation mode. The latter provides a powerful mist for easy care of the nose and upper airways.
- Thanks to the appliance's second power system (it can be either battery-operated or plugged into a wall socket through its mains adapter) you can choose whatever supply source is most adapted to wherever you are when you use it.

II. WHEN SHOULD I USE THE BABY NOSE-BLOWER:

• IN CASE OF NASAL INFECTION :

Anybody can be subject to a nasal infection and doctors themselves could easily prescribe this type of flushing of nasal passages to maintain moisture and greatly facilitate the curative action of medicine. The saline solution used in this appliance cleanses the nostrils, keeping them clear of nasal infection and inflammation. Whether you suffer from nasal infection or chronic nasal inflammation, sinusitis, hay fever, allergies or a common cold, regularly irrigation and cleansing using a saline solution can help solve such problems.

• TO REMOVE MUCOUS AND NASAL SECRETIONS FROM INFANT'S NOSES:

The walls of an infant's nasal mucous membrane are fragile and vulnerable. An infection can easily develop there and become a favourable environment for secondary infections. Infant's noses often run and get blocked up. This appliance helps relieve the child and makes the job a lot easier for Mum too.

• TO AVOID CATCHING A COLD :

When the saline solution nasal cleanser is used daily you avoid catching a cold. The appliance cleanses nostrils in depth without irritating them thanks to its mist of saline solution spray. You therefore avoid catching a cold.

• TO RELIEVE A BLOCKED NOSE :

Whenever your nose is blocked up you feel fidgety and unable to concentrate. You're therefore less attentive to your surroundings; you may lose your appetite for food and will tend to feel constantly tired and listless. What's more, a blocked nose can also be the cause of bad breath.

• **WHENEVER SURROUNDING AIR ISN'T HUMID ENOUGH:**

Whenever surrounding air is too dry, particularly during the Winter season you may suffer from a blocked nose and even nosebleeds. By using this saline solution mist you ease your nose and avoid catching a cold and prevent nosebleeds as you are keeping nasal septa moisturized.

• **IN THE EVENT OF LOUD SNORING :**

There are many reasons for snoring. If you tend to snore very loudly, the chances are you'll get a bad night's sleep and it won't be very deep either. Should the problem develop into obstructive sleep apnoea, you may be exposed to serious cardiac problems later on.

• **WHENEVER THE USE OF MEDICINE IS NOT ADVISED :**

Many people with nose trouble or a common cold can't take medicine: mothers-to-be for instance, as certain drugs may affect the foetus, students in case the drugs affect their concentration during studies or workmen on building sites who have to operate potentially dangerous machinery; or simply menstruating women. In all such cases, this appliance is ideal as it is drug-free and easy to use and soothes discomfort.

III. SAFETY PRECAUTIONS :

Please read the safety precautions before using this product. They will enable you to use the appliance correctly and safely and help avoid wounding yourself or others. We have listed the safety precautions under two different headings presented below.

Keep this INSTRUCTION LEAFLET for future reference. After having read the instructions contained in this INSTRUCTION LEAFLET, put it somewhere where it will be easily accessible by those using the appliance: inside its carrier bag for instance.

• **CAUTION :**

the content indicates considerable risk that could lead to serious injury and even death.

• **WARNING :**

the content indicates risk that could lead to serious injury or damage to objects.

The correct working of the appliance may be impeded by electromagnetic interference exceeding the levels stipulated by European standard EN60601-1-2 and standard FCC 47CFR

part 15.

CAUTION:

- Whenever the appliance is not in use, unplug the mains adapter plug from the wall socket. When unplugging the appliance, always pull the plug itself and never attempt to unplug by pulling on the cord.
- Never cut, damage or alter the electricity supply adapter cord. Never pull, twist or stretch the cord. Never place heavy objects on the cord and make sure it never gets stuck between two objects. Do not roll the cord around the appliance.
- Stop using the appliance immediately should the electricity supply adapter cord or the mains plug become damaged or hot.
- Never use the appliance near flammable products such as benzene, paint thinner or pressurized sprays.
- Never handle the electricity supply mains adapter with wet hands. Make sure your hands are perfectly dry before handling the mains adapter.
- Do not leave or store the mains adapter wherever it is at risk of being splashed such as near a bath, washbasin or any other type of container or in any type of environment that is likely to become very damp.
- Keep the appliance out of the reach of children. Do not let children use the appliance or play with it.
- The battery may explode if misused. Do not attempt to recharge the battery, or take it apart and do not throw it on the fire.

WARNING :

- Never use the appliance for any use other than that for which it has been designed.
- Do not use the mains adaptor supplied with the appliance if you have damaged it by dropping it or banging it.
- Never use thinners, benzene or any other type of solvent to clean the appliance, as such products could damage it.
- Do not use the mains adapter supplied with the appliance if it has been directly exposed to the sun or if it is hot or too damp.
- Do not use any other mains adapter than the one supplied with the appliance.
- Dry the appliance thoroughly before handling the mains adapter.
- Do not use an extension lead to connect the mains adapter to a wall socket.
- Do not immerse the appliance in liquid.
- Store the mains adapter and its cord in a dry area.

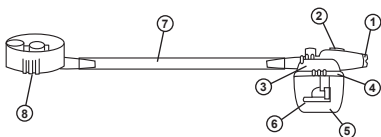
ADDITIONAL SAFETY INSTRUCTIONS :

- Should you feel unwell after using the appliance, interrupt use and consult a doctor immediately.
- Should you develop a nosebleed, cease using the vacuum extraction function and consult a doctor immediately.
- Users suffering from nose infections, allergies, ear or eye problems should consult a doctor before using the appliance.
- The appliance's irrigation function suits all ages but the appliance should only be operated by an adult.
- The appliance's vacuum extraction function can safely be used on children under the age of 3 or any other person unable to blow their own nose but the appliance should only be operated by an adult.

IV. IDENTIFYING THE DIFFERENT PARTS AND ACCESSORIES :

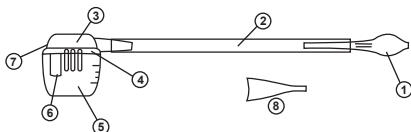
• IDENTIFYING THE IRRIGATION SYSTEM :

- Irrigation and mist spray nozzle (1)
- Mist operating valve (2)
- Base/cover of the irrigation and mist spray nozzle (3)
- Tank for saline solution (5)
- Tubing (7)
- L-type tubing (6)
- Pressure connector (8)
- Tank with O-ring seal (4)



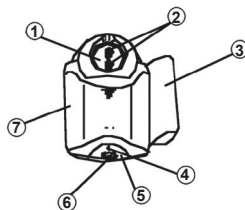
• VACUUM EXTRACTION SYSTEM PARTS :

- Standard suction cannula(1)
- Silicone suction cannula (8)
- Reverser buffer (5)
- Storage tank (6)
- Tubing (2)
- Vacuum extraction connector/cover (3)
- Tank with O-ring seal (4)
- Foam nosepiece (7)



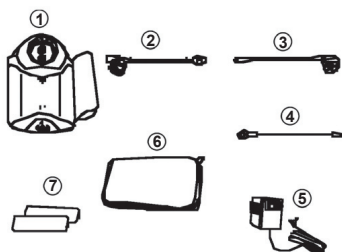
• PUMPING SYSTEM PARTS :

- Battery compartment flap (7)
- Connector with O-ring seal (1)
- Orifice for air inlet/outlet (2)
- Wrist attachment (3)
- Start button (6)
- Start-up display light (4)
- Connector jack (5)



• IDENTIFYING THE MAIN PARTS AND ACCESSORIES :

- Pumping unit x 1 (1)
- Vacuum extraction system x 1 (3)
- Irrigation system x 1 (2)
- Cleaning brush x 1 (4)
- Mains adapter x 1 (5) (optional part)
- Alkaline batteries x 2 (6)
- Carrier bag x 1 (7)
- Instruction leaflet x 1



• REMARKS:

- Check that the original packaging contains all the appropriate parts and accessories.
- The large vacuum extraction cannula should only be used to replace the standard sized vacuum extraction cannula when using additional vacuum extraction pressure in suction mode.

V. INSTRUCTIONS FOR USE :

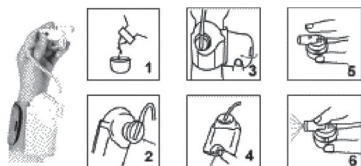
Before using the appliance, make sure it is operating correctly.

This appliance has been designed for intermittent use. In vacuum extraction or irrigation mode, normal operating time should not exceed 2 to 3 minutes. Leave for approximately ten minutes before re-using.

• Using the irrigation function :

- Unscrew the irrigation system tank/bowl to open.
- Pour saline solution into the irrigation system tank/bowl.
- Screw the irrigation system tank/bowl back onto the irrigation system.
- All you then have to do is attach and press the nasal irrigation system to the appliance's seal/orifice and attach the wrist attachment close to the palm of your hand.
- Position the irrigation and mist spray cannula in the nostril and activate the spraying of the solution for spray moisturizing and nasal irrigation.
- When the spraying of the moisturizing and irrigation solution has been completed, stop the appliance and begin cleaning procedure as described in the section entitled "Cleaning and caring for your appliance".
- Caution :

- ▶ Shut off electricity supply before removing the nasal irrigation system from the main unit's seal/outlet orifice.
- ▶ Do not use the moisturizing spray or the irrigation solution when lying down.
- ▶ When using the nasal irrigation system, use only the saline solution and use it pure.

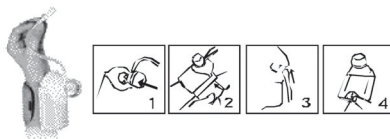


• Using the vacuum extraction function :

- All you have to do is attach and press the nasal vacuum extraction system to the appliance's seal/orifice and attach the wrist attachment close to the palm of your hand.
- Position the vacuum extraction cannula in the nostril and activate the vacuum extraction to remove nasal secretions and mucus.
- When you have completed the operation, stop the appliance and begin cleaning procedure as described in the section entitled "Cleaning and caring for your appliance."

- Caution

- ▶ Shut off electricity supply before removing the nasal irrigation system from the main unit's seal/outlet orifice.
- ▶ Use the vacuum extraction for nasal secretions and mucus only.
- ▶ When the nasal vacuum extraction system is operating, do not hold your breath. Close your mouth and/or swallow your saliva to avoid vacuum extraction pressure causing an unbalance in the eardrums.



• Using another source of power :

- This appliance has been designed for use with another source of power. You therefore have a choice between battery power or via the mains adapter (optional part & use), according to where you choose to use your appliance.
- To change batteries when they are low or worn out (if your appliance has been sold with batteries supplied), open the battery compartment flap and push the worn batteries to remove them from their position. Put in the new batteries, making sure you position them correctly with respect to their positive (+) and negative (-) terminals so that their polarities match those of the main unit. Close the battery compartment flap
- To use the supplied mains adapter (optional part & use) on the mains electricity supply, plug the mains adapter (optional part & use) into a wall socket. Then plug the electricity supply cord into the main unit's electricity supply socket.

- Caution:

- ▶ Use alkaline batteries only 1,5 VCC VCC LR6/AA x 2.
- ▶ Whenever you do not intend to use the appliance for a long period of time, remove the batteries from the unit to avoid them damaging the appliance in case of leakage.
- ▶ Only use the mains adapter (optional part & use) that has been specially designed for use with this appliance.

VI. CLEANING AND CARING FOR YOUR APPLIANCE :

A. Cleaning the irrigation system

1. Switch off the appliance and detach the nasal irrigation system from the seal/outlet orifice on the main unit.
2. Unscrew the nasal irrigation system tank/ bowl to open.
3. Remove remaining saline solution from the tank/bowl and the nasal irrigation system spray nozzle/cannula. Rinse with purified water.
4. Caution :
 - a. Make sure the main unit does not get sprayed or splashed with or immersed in liquid.
 - b. Do not remove the irrigation and mist spray nozzle, or the irrigation system cannula/ over as this may cause the appliance to malfunction.
 - c. Remove the remaining purified water from the irrigation system using paper tissues then leave to dry for at least two hours.
 - d. Do not use boiling water to sterilize the irrigation system.

B. Cleaning the vacuum extraction system

1. Switch off the appliance and detach the nasal vacuum extraction device/system from the main unit's seal/outlet orifice.
2. Unscrew the vacuum extraction system tank/bowl to open.
3. Remove the remaining nasal secretions and mucus in the tank/bowl, the cannula and the nasal vacuum extraction system using the cleaning brush and purified water.
4. After having rinsed the nasal vacuum extraction system with purified water, sterilize it with boiling water.
5. Caution:
 - a. Make sure the main unit does not get sprayed or splashed with or immersed in liquid.
 - b. Remove the remaining purified water from the irrigation system using paper tissues then leave to dry for at least two hours.

VII. GUIDE FOR CORRECTIVE MAINTENANCE:

A. The light emitting diode (LED) is flashing

1. The light emitting diode (LED) will begin flashing when battery power is low.
2. The light emitting diode (LED) will begin flashing in the event of power overload.

3. Remarks:

- a. Change the batteries or use the mains adapter (optional part) supplied with the appliance.

B. The irrigation system is malfunctioning

1. Check that the bowl in the nasal irrigation system contains sufficient saline solution.
2. Check that the irrigation and mist spray nozzle is not obstructed.
3. Check that irrigation and mist spray system has been correctly connected to the main unit's seal/outlet orifice.
4. Make sure you have sufficient battery power.

5. Remarks:

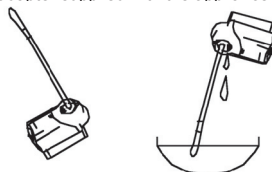
- a. Whenever the irrigation and mist spray nozzle is blocked, use that part on the appliance and plug in to reverse the airflow in the saline solution circuit to unblock the blocked part.
- b. Whenever the irrigation and mist spray nozzle is blocked, use the cleaning brush to clean the nozzle and tube.
- c. Whenever the irrigation and mist spray nozzle is blocked, blow into each canal with your mouth to clean the nozzle.
- d. Change the batteries or use the mains adapter supplied with the appliance.

C. The vacuum extraction system is malfunctioning

1. Check that the vacuum extraction system is perfectly airtight.
2. Check that the vacuum extraction system is not obstructed with nasal secretions and mucus.
3. Check that the vacuum extraction system has been correctly connected to the main unit's seal/outlet orifice.
4. Make sure you have sufficient battery power.

5. Remarks:

- a. If the vacuum extraction system is obstructed with nasal secretions or mucus, rinse the cannula and the tube with purified water using the cleaning brush.
- b. Change the batteries or use the mains adapter supplied with the appliance.










6. Repairing the appliance:

- a. Never attempt to repair, dismantle or alter the appliance yourself in any way whatsoever. You risk injury through burning or causing the appliance to operate abnormally.
- b. Whenever the appliance and/or the plug or mains adapter electricity supply cord is damaged, stop using immediately and seek help from an approved professional or qualified technician close to your home for the object to be repaired or replaced.

VIII. SPECIFICATIONS :

- A. Compressor / vacuum extraction pressure:
minimum 415 mmHg/min. 3.6 LPM / 55 kPa
- B. Particles of saline solution mist:
6,5 µm to 7,8 µm
- C. Storage capacity of saline solution in bowl:
6,0 ml for mist irrigation lasting 2.5 minutes or less
- D. Battery power supply:
Alkaline batteries 1.5 V LR6/AA x 2
- E. Electricity supply through mains adapter:
Mains adapter inlet 230 V~ 50 hz/100 mA.
Outlet 3 V/800 mA
- F. Battery lifetime when used non-stop:
60 minutes or more
- G. Size of the main unit :
110 mm x 42 mm x 70 mm
- H. Net weight of the main unit:
180 g(without batteries)
- I. Class II-type appliance (double safety insulation)
- J. Appliance designed for intermittent use (2 to 3 minutes in operating mode / 10 minutes rest period)
- K. Reference to standards: Electrical safety standards EN 60601-1, electromagnetic compatibility in keeping with standard EN 60601-1-2.
- L. Conditions of use
 1. Storage conditions Temperature: -25°C to 70° (-13°F to 158°F)
Humidity: 10 % to 90 % RH
 2. Operating conditions Temperature: 10°C to 40° C (50°F to 104°F)
Humidity: 10 % to 90 % RH

M. SYMBOLS

	Attention, consult Accompanying Document
	OFF (power: disconnection from the mains)
	ON (power: connection from the mains)
	DC (Direct current)
	Class II Equipment
	Type B Equipment
	0434



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